

Integic Corporation's e.POWER Activator 6.3 with Hummingbird, LTD's Hummingbird Enterprise v5.1.1

e.POWER/Hummingbird Certification Summary Report

The Joint Interoperability Test Command (JITC) tested the integration of e.POWER Activator v6.3 by Integic Corporation with Hummingbird Enterprise v5.1.1 by Hummingbird, LTD, at Hummingbird's facility in Tallahassee, Florida, on 28 August 2003. The product combination was verified using version 7.0 of the Test Procedures and was compliant with Chapter 2 and Chapter 4 of DoD 5015.2-STD, dated June 2002. It satisfied all mandatory requirements.

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1. Product Identification

1.1 Allocation of RMA Requirements

e.POWER Activator 6.3 is a workflow management product used to route information. Hummingbird Enterprise provides the document/record repository and all records management functionality.

Table 1 identifies the mandatory functions required by the Standard and indicates which of those functions are performed by e.POWER Activator, which are performed by Hummingbird Enterprise, and which both products perform either jointly (both share the function) or separately (both perform the function independently).

Table 1. Mandatory Functions Allocation				
DoD 5015.2-STD		Hummingbird Enterprise	e.POWER Activator	Comments
Para	Requirement			
C2.1.1.	Managing Records	√		
C2.1.2.	Accommodating Dates and Date Logic	√	√	Separately
C2.1.3.	Implementing Standard Data	√		
C2.1.4.	Backward Compatibility			Not Tested ¹
C2.1.5.	Accessibility	√	√	
C2.2.1.	Implementing File Plans	√		
C2.2.2.	Scheduling Records	√		
C2.2.3.	Declaring and Filing Records	√	√	Jointly
C2.2.4.	Filing E-Mail Messages	√		
C2.2.5.	Storing Records	√		
C2.2.6. Retention and Vital Records Management				
C2.2.6.1.	Screening Records	√		
C2.2.6.2.	Closing Record Folders	√		
C2.2.6.3.	Cutting Off Record Folders	√		
C2.2.6.4.	Freezing/Unfreezing Records	√		
C2.2.6.5.	Transferring Records	√		
C2.2.6.6.	Destroying Records	√		
C2.2.6.7.	Cycling Vital Records	√		
C2.2.6.8.	Searching and Retrieving Records	√	√	Jointly
C2.2.7.	Access Controls	√	√	Jointly
C2.2.8.	System Audits	√		
C2.2.9.	System Management Requirements			Performed by the operating system and DBMS
C4.1.	Requirements for RMAs Supporting Management of Classified Records	√		

¹ This test was the first test for this system against this requirement. Test data from a previous system was not available.

2. Test Configuration

The test configuration consisted of:

- One server running MS Windows 2000 Server (SP4) and e.POWER Activator v6.3.
- One server running MS Windows 2000 Server (SP3) and Hummingbird NTSS v5.1.1.
- One running MS Windows 2000 Server (SP4), Hummingbird DM Server v5.1.1, Hummingbird RM Server v5.1.1, Hummingbird Development Tools, Hummingbird DM Server Admin Tools v5.1.1, and MS SQL 2000 Client (SP3a).
- One server running Windows 2000 Server (SP4), Hummingbird DM Web Server v5.1.1, Hummingbird RM Web Server, and Hummingbird Imaging v5.1.1.
- One 2000 server running MS Windows 2000 Server (SP4) and MS SQL 2000 Server (SP3a).
- One server running MS Windows 2000 (SP4) and MS Exchange 2000 (SP3).
- One client PC running Windows 2000 Professional (SP4), MS Office 2000 (SP3), MS Outlook 2000 (SP3), Hummingbird Enterprise v5.1.1, MS Internet Explorer (IE) v6.0, and e.POWER Activator v6.3.
- One client PC running MS Windows XP Professional (SP1a), MS Office XP (SP2), MS Outlook XP (SP2), Hummingbird Enterprise v5.1.1, MS IE v6.0, and e.POWER Activator v6.3.

3. RMA Mandatory Requirements

3.1 *Managing Records [C2.1.1.]*

Hummingbird Enterprise provided all records management functions. For more information, see the JITC "Hummingbird Enterprise v5.1.1 DOD 5015.2-STD Compliance Detailed Report."

3.2 *Accommodating Dates and Date Logic [C2.1.2.]*

Hummingbird Enterprise and e.POWER Activator store and display dates using a 4-digit year format, and recognize leap years including the year 2000. The products accept user input of valid dates from current, previous, and future centuries.

3.3 *Implementing Standard Data [C2.1.3.]*

Hummingbird Enterprise provides the ability to implement standard data.

3.4 *Backward Compatibility [C2.1.4.]*

This is the first test for this product against version two of DOD 5015.2-STD², therefore test data was not available to verify backwards compatibility.

² Backwards Compatibility is a new requirement in the June 2002 version of DoD 5015.2-STD.

3.5 *Accessibility [C2.1.5.]*

The “Hummingbird Enterprise v5.1.1 DOD 5015.2-STD Compliance Detailed Report” contains Hummingbird, LTD’s statement of compliance with Title 36 of the Code of Federal Regulations, Parts 1194.21, 1194.22, and 1194.31. Integic provided the 508 Voluntary Product Accessibility Templates (VPATS) provided as Appendix C in the detailed test report.

3.6 *Implementing File Plans [C2.2.1.]*

Hummingbird Enterprise provides the required capabilities for creating and maintaining disposition instructions and file plans.

3.7 *Scheduling Records [C2.2.2.]*

Hummingbird Enterprise provides the required capabilities for scheduling records.

3.8 *Declaring and Filing Records [C2.2.3.]*

Hummingbird Enterprise provides record filing capabilities.

In addition, users can design a workflow using e.POWER’s intelligent agent so at a predetermined point in the workflow, documents can be made into records. Using the Intelligent Agent, e.POWER submits documents in workflow to Hummingbird Enterprise for filing. The Intelligent Agent checks to ensure that all required fields have been completed. If the document meets the requirements, it files that record to Hummingbird Enterprise. This agent can be placed at any point in the workflow.

3.9 *Filing E-mail Messages [C2.2.4.]*

Hummingbird Enterprise provides the required capabilities for filing e-mail messages.

3.10 *Storing Records [C2.2.5.]*

Hummingbird Enterprise provides the required capabilities for storing records.

3.11 *Screening Records [C2.2.6.1.]*

Hummingbird Enterprise provides the required capabilities for screening records.

3.12 *Closing Record Folders [C2.2.6.2.]*

Hummingbird Enterprise provides the required capabilities for closing record folders.

3.13 *Cutting Off Record Folders [C2.2.6.3.]*

Hummingbird Enterprise provides the required capabilities for cutting off record folders.

3.14 *Freezing/Unfreezing Records [C2.2.6.4.]*

Hummingbird Enterprise provides the required capabilities for freezing and unfreezing records.

3.15 Transferring Records [C2.2.6.5.]

Hummingbird Enterprise provides the required capabilities for transferring records.

3.16 Destroying Records [C2.2.6.6.]

Hummingbird Enterprise provides the required capabilities for destroying records.

3.17 Cycling Vital Records [C2.2.6.7.]

Hummingbird Enterprise provides the required capabilities for cycling vital records.

3.18 Searching For and Retrieving Records [C2.2.6.8.]

Hummingbird Enterprise provides the required capabilities for searching for and retrieving records.

In addition, e.POWER Activator users can attach links to Hummingbird file plans, folders, documents and records as a part of the workflow item. Provided other users in the workflow have access permissions to the documents/records, they click on the link to access the file plan, folder, or the electronic file (e.g., .doc file, .xls file). Search and retrieval capabilities exist in the following interfaces: native client, Outlook client, and the Web. The user interface is the same between the applications.

3.19 Access Controls [C2.2.7.]

Hummingbird Enterprise provides the required capabilities for scheduling records.

For records within the workflow, e.POWER works in conjunction with Hummingbird Enterprise to ensure that only authorized individuals see the records. If the workflow user does not have permission to view the records, they will not show as part of the workflow item.

3.20 System Audits [C2.2.8.]

Hummingbird Enterprise provides the required system auditing capabilities.

3.21 System Management Requirements [C2.2.9.]

The operating system (MS Windows 2000 Server) and database management system (MS SQL 2000) provided the required system management capabilities.

4. Non-Mandatory Features Demonstrated

4.1 Workflow [C3.2.11.]

e.POWER Activator provides tools to help organizations route documents/records based on their business processes. e.POWER includes standard reports and the ability to create custom reports to view workloads, bottlenecks, and productivity.

e.POWER includes a graphical workflow builder that allows users to drag and drop icons representing steps in the workflow. Available icons include Start Task, Decision Task,

Encapsulation Task, User Task, Device Task, and Stop Task. Default values are assigned to each.

After inserting the tasks into the workflow, the user creates routes (either serial or parallel) for the item. e.POWER's intelligent agents (Device Tasks) allow for connectivity to other systems (such as legacy) or COTS packages (such as Hummingbird RM) through the workflow.

e.POWER Activator users have the following menu options available when opening a workflow item with a Hummingbird Enterprise document attached:

- **Remove Document:** Takes the document out of the list in the workflow item
- **Open:** Opens the document
- **View:** Open the document in Hummingbird's default viewer
- **Display Profile:** Show the Hummingbird document profile
- **History:** Shows the history of the document in Hummingbird
- **File Info:** Shows the versions of the document

4.2 *Web Capability [C3.2.15.]*

Users were able to enter Hummingbird Enterprise documents/records into the e.POWER Activator workflow. During the test, this integration was demonstrated using MS Internet Explorer 6.0.

5. Management of Classified Records

The product combination of Hummingbird Enterprise and e.POWER Activator satisfied all Chapter 4 requirements. Hummingbird Enterprise controls access to all records. For additional information on Hummingbird's implementation of specific Chapter 4 requirements, see the JITC "Hummingbird Enterprise v5.1.1 DOD 5015.2-STD Compliance Detailed Report."

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